**Honors Biology Study Guide for Quest Wed Oct 8th**

* How enzymes function.
* What is the active site? What is a substrate?
* What environmental factors affect enzyme function?
* Structural similarities between ALL cells
* Two types of organisms that are prokaryotes.
* Be able to describe the structural differences between prokaryotes vs eukaryotes.
* Four types of organism that are eukaryotes.
* Similarities between plant and animal cells.
* Differences between plant and animal cells.
* Know the function of the organelles in sec 3.2
* If shown a labeled picture of a cell be able to identify if prokaryote or eukaryote. If eukaryote if a plant or animal.
* Be able to complete Venn diagram comparing and contrasting prokaryote, plant, and animal cells

**Honors Biology Study Guide for Quest Wed Oct 8th**

* How enzymes function.
* What is the active site? What is a substrate?
* What environmental factors affect enzyme function?
* Structural similarities between ALL cells
* Two types of organisms that are prokaryotes.
* Be able to describe the structural differences between prokaryotes vs eukaryotes.
* Four types of organism that are eukaryotes.
* Similarities between plant and animal cells.
* Differences between plant and animal cells.
* Know the function of the organelles in sec 3.2
* If shown a labeled picture of a cell be able to identify if prokaryote or eukaryote. If eukaryote if a plant or animal.
* Be able to complete Venn diagram comparing and contrasting prokaryote, plant, and animal cells